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Page 1 of 17

Date: 29-Aug-05

To: Christopher M. Kalivoda **Fax: 571-273-8300** **Phone: 571-272-2476**
United States Patent and Trademark Office

From: Michael D. Plimier **Fax: 408-765-4087** **Phone: 408-765-7857**

Subject: Amendment in Application Serial No. 10/668,511

A CONFIRMATION COPY OF THIS DOCUMENT:

WILL NOT BE SENT

Application No.: 10/668,511
Filing Date: September 22, 2003
First Named Inventor: Jayne L. Mershon et al.
Group Art Unit: 2883
Examiner Name: Kalivoda, Christopher M.
Attorney Docket No.: 42P17198

Enclosures:

1. Transmittal Form (1 page).
2. Fee Transmittal for FY 2005 (1 page in duplicate).
3. Amendment and Response (13 pages).

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PTO/SB/21 (09-04)

Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 16

| | |
|----------------------|-------------------------|
| Application Number | 10/688,511 |
| Filing Date | September 22, 2003 |
| First Named Inventor | Jayne Marshon et al. |
| Art Unit | 2883 |
| Examiner Name | Kalvoda, Christopher M. |

Attorney Docket Number P17198

ENCLOSURES (Check all that apply)

| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD. Number of CD(s) _____ | |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| | <input type="checkbox"/> Remarks | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | Intel Corporation | | |
| Signature |  | | |
| Printed name | Michael D. Plimier | | |
| Date | August 29, 2005 | Reg. No. | 43,004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | |
|-----------------------|---|
| Signature |  |
| Typed or printed name | Michael D. Plimier |
| Date | August 29, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL
For FY 2005** Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0.00

Complete If Known

| | |
|----------------------|--------------------------|
| Application Number | 10/668,511 |
| Filing Date | September 22, 2003 |
| First Named Inventor | Jayne Mershon et al. |
| Examiner Name | Kalivoda, Christopher M. |
| Art Unit | 2883 |
| Attorney Docket No. | P17198 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Nonc Other (please identify): _____

Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

under 37 CFR 1.16 and 1.17

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FEES CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fee Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|---------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | 0 |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | 0 |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | 0 |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | 0 |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | 0 |

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | |
|---|--------------|----------|---------------|---------------------------|---------------|
| | | | | Fee (\$) | Fee Paid (\$) |
| - 20 or HP = | x | = | 0 | 50 | 25 |
| HP = highest number of total claims paid for, if greater than 20. | | | | 200 | 100 |

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | |
|--|--------------|----------|---------------|---------------------------|---------------|
| | | | | Fee (\$) | Fee Paid (\$) |
| - 3 or HP = | x | = | 0 | 360 | 180 |
| HP = highest number of independent claims paid for, if greater than 3. | | | | 0 | 0 |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Sheet | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|---------|--------------|--|----------|---------------|
| - 100 = | / 50 = | (round up to a whole number) x | = | 0 |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

| | | | |
|-------------------|---|---|------------------------|
| Signature |  | Registration No. (Attorney/Agent) 43,004 | Telephone 408-765-7857 |
| Name (Print/Type) | Michael D. Plimier | | Date August 29, 2005 |

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/03/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2005 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0.00

Complete if Known

| | |
|----------------------|--------------------------|
| Application Number | 10/868,511 |
| Filing Date | September 22, 2003 |
| First Named Inventor | Jayne Mershon et al. |
| Examiner Name | Kalivoda, Christopher M. |
| Art Unit | 2883 |
| Attorney Docket No. | P17198 |

METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order Nonc Other (please identify): _____ Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

| | |
|--|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fee Paid (\$) |
|------------------|-------------|--------------|-------------|--------------|------------------|--------------|---------------|
| | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fee (\$) | Small Entity | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | 0 |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | 0 |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | 0 |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | 0 |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | 0 |

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Small Entity

Fee (\$)

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

| | | | |
|--------------|--------------|----------|---------------|
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| - 20 or HP = | x | = | 0 |

Multiple Dependent Claims

Fee (\$)

0

HP = highest number of total claims paid for, if greater than 20.

| | | | |
|---------------|--------------|----------|---------------|
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| - 3 or HP = | x | = | 0 |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| | | | | |
|--------------|--------------|--|----------|---------------|
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
| - 100 = | / 50 = | (round up to a whole number) x | = | 0 |

Fee Paid (\$)

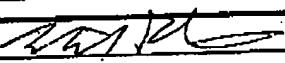
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

0

Other (e.g., late filing surcharge):

0

| | | | |
|--------------|---|---|------------------------|
| SUBMITTED BY |  | Registration No. (Attorney/Agent) 43,004 | Telephone 408-785-7857 |
| Signature | | | Date August 29, 2005 |

Name (Print/Type) Michael D. Plumer

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Attorney's Docket No.: P17198

AUG 29 2005

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Jayne Mershon et al.)
U.S. Serial No: 10/668,511)
Filed: September 22, 2003)
For: **CONNECTING A COMPONENT**)
WITH AN EMBEDDED)
OPTICAL FIBER)

Examiner: Kalivoda, Christopher M.
Art Unit: 2883

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

This is in response to the Office Action mailed June 3, 2005. Applicant respectfully requests the Examiner to enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper. **Remarks/Arguments** begin on page 7 of this paper.

CERTIFICATE OF TRANSMISSION
(37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office on August 29, 2005.

Michael Plimier
Name of Person Sending Facsimile


Signature